



2016 Volvo S90 aims to kill turbo lag

VOLVO HAS INTRODUCED A NEW technology for turbodiesel engines called Power Pulse in the new S90. The system uses an electrically driven air compressor and a pressurised air storage tank. Fresh air is drawn in via the air filter and stored in the pressurised tank. Under hard acceleration, a valve releases air from the tank and directs

it to the exhaust manifold where it spools up the turbo. Volvo claims instant response and initial acceleration to rival larger 3.0-litre V6 diesel engines. The new S90 takes on the Audi A6, BMW 5 Series, Jaguar XF and the Mercedes-Benz E-Class. A ground up design, it features the styling, luxury and safety features seen on the bigger XC90 SUV.